

## FINAL CRUISE REPORT

Ship Name (Cruise Code): Gordon Gunter (14-01)

DOS Cruise No.: 2014-

Operating Institution: NOAA, NMFS, NEFSC, OMAO

Cruise Dates: February 28 – March 9, 2014

Project Title: Ecosystem Monitoring Survey

Chief Scientist(s): Jerome Prezioso

Clearance Country: Canada

Foreign Participants: Guillaume Cote (Canada)

Port Calls: None

Description of the Scientific Program: The primary objective was to assess changing biological and physical properties of the northeast continental shelf marine ecosystem which influence the sustainable productivity of the living marine resources on Georges Bank and the Gulf of Maine.

Data Observations and Samples Collected (type, location, custodian): Key data collected included: (1) TSG, SCS, LISST (for particle size spectrum analysis), nutrients and PCO<sub>2</sub> measurements. (2) CTD and bongo operations were conducted at stations throughout the two areas surveyed (3) conduct marine mammal and seabird observations. (4) Testing a modified Karatsuri rake for collecting sand lance in sandy bottom areas. Samples and data were collected from the Georges Bank and Gulf of Maine areas.

Survey samples and data were retained by the Ecosystem Monitoring and Remote Sensing Program of the Northeast Fisheries Science Center, Narragansett, RI. Nutrient samples were sent to the University of Maine for analysis.

Information Address: : Questions regarding the survey may be directed to Jon Hare, Ph.D., National Marine Fisheries Service, Northeast Fisheries Science Center, 28 Tarzwell Dr., Narragansett, RI. Telephone 401-782-3295; Fax 401-782-3201. Internet [Jon.Hare@noaa.gov](mailto:Jon.Hare@noaa.gov).

Schedule of Delivery of All Data Results and reports: Data for this cruise will uploaded onto an ftp

website ([ftp://ftp.nefsc.noaa.gov/pub/dropoff/jhare/EcoMon\\_Data/](ftp://ftp.nefsc.noaa.gov/pub/dropoff/jhare/EcoMon_Data/)). Data will be in an excel spreadsheet labeled EcoMon\_Zooplankton\_Data\_v1 with the cruise number “GU1401” preceding the data. Data from this cruise will be available on this site by 30 June 2016. This survey is part of a long term monitoring program; no further reports are anticipated.